BULK CONDUCTIVITY LITHOLOGIC LOG O \_\_\_\_Top of well 0 Carbonate mud with organic matter; limestone, well cemented with shell fragments 1.0 1.0 Limestone, tan to gray, well cemented, with shell fragments 20 20 Quartz sand, tan, fine to very fine grained, grains SURFACE IN FEET BELOW LAND SURFACE are frosted and sub-angular to sub-rounded; limestone, tan, well cemented, with shell fragments Quartz sand, white, fine to very fine grained, grains are frosted and sub-angular to sub-rounded, with shell fragments; LAND limestone, white, well cemented, with shell fragments 30 30 BELOW Limestone, tan to white, well cemented, with shell fragments; quartz sand, tan to white, fine to very fine grained, grains are frosted and sub-angular to sub-rounded 40 4.0 eq  $_{\rm II}$ DEPTH, Quartz sand, gray, fine to very fine grained, grains are frosted and sub-angular to sub-rounded, with shell fragments  $\,$ 50 50 and heavy minerals; limestone, tan to white, well cemented, with abundant shell fragments Limestone, white to tan, well cemented, with abundant shell fragments; quartz sand, tan to gray, fine to very-fine grained, grains are frosted and sub-angular to 60 sub-rounded, with heavy minerals Water sample collected April 26, 2004; dissolved chloride concentration  $\begin{array}{c} \uparrow \\ 70 \end{array}$  Limestone, white, well cemented, with shell fragments 70 : 1000 mg/L Quartz sand, tan to gray, fine to very fine grained, grains are frosted and sub-angular to sub-rounded, with shell fragments and heavy minerals; limestone, well cemented, with abundant shell fragments Screened 80 Quartz sand, tan, medium to fine grained, grains are interval frosted and sub-angular to sub-rounded, with shell fragments and heavy minerals

Bottom of well 8.5 100 150 Compiled and modified from the original lithologic description by Hydrologic Associates USA Inc., Miami,  ${\sf FL}.$ 

## EXPLANATION

BULK CONDUCTIVITY, IN MILLISIEMENS PER METER

- Bulk conductivity, in millisiemens per meter, April 26, 2004

Shaded area represents range in bulk conductivity logs collected annually from April 11, 2000 to May 2, 2003.

Delimits the interval for which the well is open to the aquifer